**Monday Do Now**

GRE 502, 504, 604

Geometry

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ TP: \_\_\_\_\_\_\_

|  |  |
| --- | --- |
| 1) Line l and line p are perpendicular. Given that the equation for line p is x-3y=5 and line l passes through the point (3,3), what is the equation for line l ?  A. y=-3x+12  B. y= 3x + 12  C.  D.  E. | 2) What is the equation for the line perpendicular to 3x= -6y-3 and through the point (4,6)?  A.  B.  C.  D.  E. |
| 3) Point m is the midpoint to line segment BC. Point C has the coordinates (4, 6) and point m has the coordinate (3, -6), what are the coordinates for point B?  A.  B.  C.  D.  E. None of the above | 4) On a number line, point A is at -17 and point B is at -3. What is the coordinate of the midpoint, m?  A. 7  B. -14  C. -20  D. -10  E. 10 |
| 5) What is the slope of the line that passes through the points (3, 1) and (3,2) in the standard coordinate plane?  A. 0  B. undefined  C.  D.  E. 2 | 6) Write the equation of the line that passes through the points (10, -10) and (12, -2)?  A.  B.  C.  D.  E. |

**Tuesday Do Now**

GRE 502, 504, 604

Geometry

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ TP: \_\_\_\_\_\_\_

|  |  |
| --- | --- |
| 1) Line l and line p are parallel. Given that the equation for line p is 3x - 3y= 6 and line l passes through the point (-6,0), what is the equation for line l ?  A. y=x+6  B. y=x-2  C. y=-x+6  D. y= -x -2  E. None of the above | 2) What is the equation for the line parallel to 3x - 6y=12 and through the point (2, 5)?  A.  B.  C.  D.  E. |
| 3) Point m is the midpoint to line segment BC. Point C has the coordinates (4,6) and point B has the coordinate (2,6), what are the coordinates for point m?  A. (3,6)  B. (6, 3)  C. (1, 0)  D. (0, 1)  E. (-3, -6) | 4) On a number line, point A is at -11 and point B is at 7. What is the coordinate of the midpoint, m?  A. -4  B. -2  C. 2  D. 4  E. 9 |
| 5) What is the slope of the line that passes through the points (-7, 7) and (6,6) in the standard coordinate plane?  A. 0  B. 13  C. -13  D.  E. | 6) Write the equation of the line that passes through the points (8, -4) and (3, -2)?  A.  B.  C.  D.  E. None of the above |

**Wednesday Do Now**

GRE 502, 504, 604

Geometry

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ TP: \_\_\_\_\_\_\_

|  |  |
| --- | --- |
| 1) Line l and line p are perpendicular. Given that the equation for line p is 10x+5y=15 and line l passes through the point (-5,2), what is the equation for line l ?  A.  B.  C.  D.  E. | 2) What is the equation for the line perpendicular to 6x= 9y+3 and through the point (2, 6)?  A.  B.  C.  D.  E. |
| 3) Point m is the midpoint to line segment BC. Point C has the coordinates (3,5) and point m has the coordinate (-3,-5), what are the coordinates for point B?  A. (0, 10)  B. (-6, 0)  C. (0,0)  D. (-2, -5)  E. (2, 5) | 4) On a number line, point A is at -2 and point B is at 2. What is the coordinate of the midpoint, m?  A. 1  B. 4  C. -4  D. 0  E. -1 |
| 5) What is the slope of the line that passes through the points (-4, 3) and (-4,-9) in the standard coordinate plane?  A.  B.  C.  D. 0  E. undefined | 6) Find the slope of the line that passes through the points (6,-2) and (-5,-2).  A.  B. -11  C. 4  D. 0  E. undefined |

**Thursday Do Now**

Quiz Review

Geometry

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ TP: \_\_\_\_\_\_\_

|  |  |
| --- | --- |
| 1) Simplify:  A.  B. 1  C.  D.  E. Cannot be simplified | 2) Which expression is equivalent to ?  A.  B.  C.  D.  E. None of the above |
| 3) Simplify the expression:  A.  B.  C.  D.  E. | 4) Simplify the expression:  A.  B.  C.  D.  E. |
| 5) Which expression is equivalent to:  A.  B.  C.  D.  E. | 6) What is the value of x in the expression:    A. 1  B.3  C. 0  D. 4  E. 2 |